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## Rolapitant

产品编号: D51259

CAS: 552292-08-7

分子式: C<sub>25</sub>H<sub>26</sub>F<sub>6</sub>N<sub>2</sub>O<sub>2</sub>

纯度: ≥98%

InChi: InChI=1S/C<sub>25</sub>H<sub>26</sub>F<sub>6</sub>N<sub>2</sub>O<sub>2</sub>/c1-16(17-11-19(24(26,27)28)13-20(12-17)25(29,30)31)35-15-23(18-5-3-2-4-6-18)10-9-22(14-32-23)8-7-21(34)33-22/h2-6,11-13,16,32H,7-10,14-15H<sub>2</sub>,1H<sub>3</sub>,(H,33,34)/t16-,22-,23-/m1/s1

InChi Key: FIVSJYGQAIEMOC-ZGNKEGEESA-N

Smiles: C[C@@H](OC[C@]1(CC[C@@]2(CN1)CCC(=O)N2)C1C=CC=CC=1)C1C=C(C=C(C=1)C(F)(F)F)C(F)(F)F

外观: 固体粉末

作用通路: Neurokinin Receptor

溶解性: Soluble in DMSO.

保存条件: Store in dry, dark place for one year.

产品介绍: Rolapitant, also known as SCH-619734, is an orally bioavailable, centrally-acting, selective, neurokinin 1 receptor (NK1-receptor) antagonist with potential antiemetic activity. Upon oral administration, rolapitant competitively binds to and blocks the activity of the NK1-receptor in the central nervous system, thereby inhibiting the binding of the endogenous ligand, substance P (SP). This may prevent both SP-induced emesis and chemotherapy-induced nausea and vomiting (CINV).